

2590
0905

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/938,077

DATE: 09/10/2001
 TIME: 09:20:57

A 2

Input Set : A:\00-68.SEQ.txt
 Output Set: N:\CRF3\09102001\I938077.raw

ENTERED

4 <110> APPLICANT: Lok, Si
 6 <120> TITLE OF INVENTION: Methods for Generating a Continuous
 7 Nucleotide Sequence from Noncontiguous Nucleotide Sequences
 10 <130> FILE REFERENCE: 00-68
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/938,077
 C--> 12 <141> CURRENT FILING DATE: 2001-08-23
 12 <160> NUMBER OF SEQ ID NOS: 22
 14 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 55
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Artificial Sequence ✓
 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: PCR primer. ✓
 24 <400> SEQUENCE: 1
 25 tgaagaaggt ctcgaattcg tcgacacccat ggccaggtac atgctgctgc tgctc 55
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 45
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Artificial Sequence ✓
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: PCR primer. ✓
 35 <400> SEQUENCE: 2
 36 tgaagaaggt ctcactccca tagcctcgtg ggccaggatg tctga 45
 38 <210> SEQ ID NO: 3
 39 <211> LENGTH: 41
 40 <212> TYPE: DNA
 41 <213> ORGANISM: Artificial Sequence ✓
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: PCR primer. ✓
 46 <400> SEQUENCE: 3
 47 tgaagaaggt ctcaggagat accttcccgg atgcagatgc t 41
 49 <210> SEQ ID NO: 4
 50 <211> LENGTH: 52
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Artificial Sequence ✓
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: PCR primer. ✓
 57 <400> SEQUENCE: 4
 58 tgaagaaggt ctctctagaa ctctagcaaa ggctactgat ttcacttttg ct 52
 60 <210> SEQ ID NO: 5
 61 <211> LENGTH: 12
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Artificial Sequence ✓
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
 68 <221> NAME/KEY: misc_feature

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```

69 <222> LOCATION: 4, 5, 6, 7, 8, 9
70 <223> OTHER INFORMATION: n = A,T,C or G
72 <400> SEQUENCE: 5
W--> 73 ccahhhhhhht gg 12
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 12
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence ✓
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
83 <221> NAME/KEY: misc_feature
84 <222> LOCATION: 4, 5, 6, 7, 8, 9
85 <223> OTHER INFORMATION: n = A,T,C or G
87 <400> SEQUENCE: 6
W--> 88 ggtttttttt cc 12
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 12
92 <212> TYPE: DNA ✓
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
98 <221> NAME/KEY: misc_feature
99 <222> LOCATION: 7, 8, 9, 10, 11, 12
100 <223> OTHER INFORMATION: n = A,T,C or G
102 <400> SEQUENCE: 7
W--> 103 ggtctctttttt hh 12
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 12
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence ✓
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
113 <221> NAME/KEY: misc_feature
114 <222> LOCATION: 7, 8, 9, 10, 11, 12
115 <223> OTHER INFORMATION: n = A,T,C or G
117 <400> SEQUENCE: 8
W--> 118 ccagagttttt nn. o ✓ 12
120 <210> SEQ ID NO: 9
121 <211> LENGTH: 12
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence ✓
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
128 <400> SEQUENCE: 9
129 gaggtctatgg gt 12
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 13
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence

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136 <220> FEATURE:
 137 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
 139 <400> SEQUENCE: 10
 140 agagataacc ttc 13
 142 <210> SEQ ID NO: 11
 143 <211> LENGTH: 12
 144 <212> TYPE: DNA
 145 <213> ORGANISM: Artificial Sequence ✓
 147 <220> FEATURE:
 148 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
 150 <400> SEQUENCE: 11
 151 ctgcataacc ca 12
 153 <210> SEQ ID NO: 12
 154 <211> LENGTH: 13
 155 <212> TYPE: DNA
 156 <213> ORGANISM: Artificial Sequence ✓
 158 <220> FEATURE:
 159 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
 161 <400> SEQUENCE: 12
 162 tcctctatgg aag 13
 164 <210> SEQ ID NO: 13
 165 <211> LENGTH: 7
 166 <212> TYPE: PRT
 167 <213> ORGANISM: Artificial Sequence ✓
 169 <220> FEATURE:
 170 <223> OTHER INFORMATION: Illustrative amino acid sequence. ✓
 172 <400> SEQUENCE: 13
 173 Glu Ala Met Gly Asp Thr Phe
 174 1 5
 176 <210> SEQ ID NO: 14
 177 <211> LENGTH: 12
 178 <212> TYPE: DNA
 179 <213> ORGANISM: Artificial Sequence ✓
 181 <220> FEATURE:
 182 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
 184 <221> NAME/KEY: misc_feature
 185 <222> LOCATION: 1, 2, 3, 4, 5, 6
 186 <223> OTHER INFORMATION: n = A,T,C or G
 188 <400> SEQUENCE: 14
 W--> 189 ~~nnnnnn~~gaga cc 12
 191 <210> SEQ ID NO: 15
 192 <211> LENGTH: 12
 193 <212> TYPE: DNA
 194 <213> ORGANISM: Artificial Sequence ✓
 196 <220> FEATURE:
 197 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
 199 <221> NAME/KEY: misc_feature
 200 <222> LOCATION: 1, 2, 3, 4, 5, 6
 201 <223> OTHER INFORMATION: n = A,T,C or G

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203 <400> SEQUENCE: 15
W--> 204 nnnnnnctct gg 12
206 <210> SEQ ID NO: 16
207 <211> LENGTH: 20
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Illustrative nucleotide sequence.
214 <400> SEQUENCE: 16
215 caggctatgg gagtgagacc 20
217 <210> SEQ ID NO: 17
218 <211> LENGTH: 20
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence ✓
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
225 <400> SEQUENCE: 17
226 gtccgatacc ctactctgg 20
228 <210> SEQ ID NO: 18
229 <211> LENGTH: 19
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence ✓
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
236 <400> SEQUENCE: 18
237 ggtctcagga gataccttc 19
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 19
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence ✓
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
247 <400> SEQUENCE: 19
248 ccagagtctt ctatggaag 19
250 <210> SEQ ID NO: 20
251 <211> LENGTH: 17
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence ✓
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
258 <400> SEQUENCE: 20
259 gctatgggag atacctt 17
261 <210> SEQ ID NO: 21
262 <211> LENGTH: 17
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence ✓
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Illustrative nucleotide sequence. ✓
269 <400> SEQUENCE: 21

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Input Set : A:\00-68.SEQ.txt

Output Set: N:\CRF3\09102001\I938077.raw

270 cgataccctc tatggaa 17
272 <210> SEQ ID NO: 22
273 <211> LENGTH: 5
274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Illustrative amino acid sequence.
280 <400> SEQUENCE: 22
281 Ala Met Gly Asp Thr
282 1 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/938,077

DATE: 09/10/2001

TIME: 09:20:58

Input Set : A:\00-68.SEQ.txt

Output Set: N:\CRF3\09102001\I938077.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:73 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:88 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15